

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference XA2055	<b>FOR FURTHER ACTION</b> see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/GB2006/050114	International filing date (day/month/year) 17/05/2006	(Earliest) Priority Date (day/month/year) 20/05/2005
Applicant  EADS ASTRIUM LIMITED		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

a. With regard to the language, the international search was carried out on the basis of:

- ☒ the international application in the language in which it was filed  
☐ a translation of the international application into \_\_\_\_\_, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))

b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box No. II)

3. ☐ Unity of invention is lacking (see Box No III)

4. With regard to the title,

- ☒ the text is approved as submitted by the applicant  
☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

- ☒ the text is approved as submitted by the applicant  
☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority

6. With regard to the drawings,

- a. the figure of the drawings to be published with the abstract is Figure No. 5  
☒ as suggested by the applicant  
☐ as selected by this Authority, because the applicant failed to suggest a figure  
☐ as selected by this Authority, because this figure better characterizes the invention  
b. ☐ none of the figures is to be published with the abstract

## INTERNATIONAL SEARCH REPORT

International application No  
PCT/GB2006/050114

## A. CLASSIFICATION OF SUBJECT MATTER

INV. H01Q1/00 H01Q1/42 H01Q1/28 B32B27/28 G02B5/20  
B64G1/22 G02B5/28

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H01Q B32B G02B B64G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 208 394 A (IACOVANGELO CHARLES DOMINIC ET AL) 29 May 2002 (2002-05-29) cited in the application the whole document -& US 6 587 263 B1 (IACOVANGELO CHARLES DOMINIC ET AL) 1 July 2003 (2003-07-01) the whole document -----	1,5,7,9, 10
A	US 3 396 400 A (KELLY CHARLES M ET AL) 6 August 1968 (1968-08-06) abstract; figures 2-4 -----	1
A	US 5 373 305 A (LEPORE, JR. ET AL) 13 December 1994 (1994-12-13) abstract; figures 2-5 column 3, line 15 - line 38 ----- -/--	1

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

## \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

30 August 2006

Date of mailing of the international search report

06/09/2006

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International application No  
PCT/GB2006/050114

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A <sub>1</sub>	GB 2 277 200 A (* BRITISH AEROSPACE SPACE SYSTEMS LIMITED; * MMS SPACE SYSTEMS LIMITED) 19 October 1994 (1994-10-19) abstract; figures 1,2 page 2, line 21 - page 3, line 13 -----	
A	US 5 215 824 A (MUNRO, III ET AL) 1 June 1993 (1993-06-01) abstract; figure 2 column 2, line 42 - line 60 -----	1

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/GB2006/050114

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1208394	A	29-05-2002	WO 0175486 A2	11-10-2001
			US 6587263 B1	01-07-2003
US 6587263	B1	01-07-2003	EP 1208394 A2	29-05-2002
			WO 0175486 A2	11-10-2001
US 3396400	A	06-08-1968	NONE	
US 5373305	A	13-12-1994	CA 2089778 A1	20-11-1993
GB 2277200	A	19-10-1994	NONE	
US 5215824	A	01-06-1993	NONE	

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